

Project Title	Funding	Strategic Plan Objective	Institution
Serum antibody biomarkers for ASD	\$0	Q1.L.A	University of Texas Southwestern Medical Center
Family studies of sensorimotor and neurocognitive heterogeneity in autism spectrum disorders (ASD)	\$0	Q1.L.B	University of Texas Southwestern Medical Center
Identification of candidate serum antibody biomarkers for ASD	\$118,338	Q1.L.B	University of Texas Southwestern Medical Center
Investigating the homeostatic role of MeCP2 in mature brain	\$35,832	Q2.S.D	Baylor College of Medicine
Upper motor neuron plasticity in the MeCP2-duplication syndrome of autism	\$62,500	Q2.S.D	Baylor College of Medicine
Investigation of protocadherin-10 in MEF2- and FMRP-mediated synapse elimination	\$53,942	Q2.S.D	University of Texas Southwestern Medical Center
Pathophysiology of MECP2 spectrum disorders (Career Development Award Proposal)	\$179,981	Q2.S.D	Baylor College of Medicine
Coordinated control of synapse development by autism-linked genes	\$0	Q2.S.D	University of Texas Southwestern Medical Center
TMLHE deficiency and a carnitine hypothesis for autism	\$60,000	Q2.S.D	Baylor College of Medicine
In-vivo imaging of neuronal structure and function in a reversible mouse model for autism.	\$0	Q2.S.D	Baylor College of Medicine
Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome	\$278,656	Q2.S.D	University of Texas Southwestern Medical Center
Study of fragile X mental retardation protein in synaptic function and plasticity	\$317,077	Q2.S.D	University of Texas Southwestern Medical Center
Mechanisms of mGluR5 function and dysfunction in mouse autism models	\$406,760	Q2.S.D	University of Texas Southwestern Medical Center
Mechanisms of synapse elimination by autism-linked genes	\$434,883	Q2.S.D	University of Texas Southwestern Medical Center
Mouse models of human autism spectrum disorders: Gene targeting in specific brain regions	\$400,000	Q2.S.D	University of Texas Southwestern Medical Center
High throughput sequencing of autism spectrum disorder (ASD) endophenotypes	\$39,432	Q2.S.G	Baylor College of Medicine
Simons Variation in Individuals Project (VIP) Site	\$466,763	Q2.S.G	Baylor College of Medicine
Multisensory processing in autism	\$60,000	Q2.Other	Baylor College of Medicine
Motor control and cerebellar maturation in autism	\$157,148	Q2.Other	University of Texas Southwestern Medical Center
The role of the new mTOR complex, mTORC2, in autism spectrum disorders	\$625,998	Q2.Other	Baylor College of Medicine
Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk	\$100,000	Q3.S.B	University of Texas Health Science Center at San Antonio
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	\$618,967	Q3.S.J	Baylor College of Medicine
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection Site	\$0	Q3.L.B	Baylor College of Medicine
A genome-wide search for autism genes in the SSC Baylor	\$20,344	Q3.L.B	Baylor College of Medicine

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FOXP2-regulated signaling pathways critical for higher cognitive functions	\$248,921	Q3.Other	University of Texas Southwestern Medical Center
FOXP2-regulated signaling pathways critical for higher cognitive functions (supplement)	\$66,686	Q3.Other	University of Texas Southwestern Medical Center
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	\$55,200	Q4.S.B	Baylor College of Medicine
Novel genetic models of autism	\$337,875	Q4.S.B	University of Texas Southwestern Medical Center
Novel genetic models of autism (supplement)	\$99,773	Q4.S.B	University of Texas Southwestern Medical Center
Temporally controlled genetic rescue of Shank3 autism model	\$60,000	Q4.S.B	University of Texas Southwestern Medical Center
Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	\$56,900	Q4.S.B	University of Texas Southwestern Medical Center
The genetic and neuroanatomical origin of social behavior	\$391,250	Q4.S.B	Baylor College of Medicine
Rat knockout models of ASD	\$100,441	Q4.S.B	Baylor College of Medicine
Shank3 mutant characterization in vivo	\$0	Q4.S.B	University of Texas Southwestern Medical Center
Striatal synaptic abnormalities in models of autism	\$397,396	Q4.S.B	University of Texas Southwestern Medical Center
Neurologin function in vivo: Implications for autism and mental retardation	\$388,575	Q4.S.B	University of Texas Southwestern Medical Center
Animal model of speech sound processing in autism	\$283,249	Q4.S.B	University of Texas at Dallas
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	\$0	Q4.S.B	University of Texas Health Science Center at San Antonio
OCT blockade to restore sociability in 5-HT transporter knock-out mice	\$74,250	Q4.S.B	University of Texas Health Science Center at San Antonio
Using lag schedules of reinforcement to teach play skills to children with autism spectrum disorders	\$20,000	Q4.L.D	Texas State University
Increasing variability of verbal initiations through the responses of conversation patterns	\$20,000	Q4.Other	Texas Christian University
Project DART: Distance Education for Autism Personnel in Rural Texas	\$0	Q5.L.A	University of North Texas
Autism interventions and innovative evaluation of teacher quality	\$0	Q5.L.C	Texas A & M International University
Reach to Teach: Serving infants, toddlers, and young children with autism spectrum disorders and developmental disabilities	\$234,849	Q5.Other	University of Texas of the Permian Basin
Texas Educators for Students with Autism (TESA)	\$173,295	Q5.Other	Texas State University-San Marcos
Project CHANGE (Children with Autism Need a Great Education)	\$199,960	Q5.Other	University of Texas at El Paso

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Graduate preparation for transition and instructional leadership for services to students with low incidence disabilities: Emphasis on academic and social success in LRE through implementation of evidence-based practices and instructional programming	\$199,996	Q5.Other	University of North Texas
Project SASI: Students with Autism & Sensory Impairments - Addressing the personnel shortages of rural, remote and high-need areas	\$249,999	Q5.Other	Texas Tech University
SEDL's vocational rehabilitation service models for individuals with autism spectrum disorders	\$350,000	Q6.S.B	Southwest Educational Development Corporation
Project STARS: Systematic Training for Autism Researchers and School Personnel	\$0	Q7.K	University of North Texas
Preparation of leaders across the lifespan for autism	\$250,000	Q7.K	Texas A&M University
Autism Treatment Network (ATN) 2011- BCM/TCH	\$0	Q7.N	Baylor College of Medicine

